

IN THE CLAIMS:

Please AMEND claims 1-2, 7, 9-13, 16, and 18-20; and

Please ADD claims 21-31, as shown below.

1. (Currently Amended) A method, comprising:
estimating traffic in an uplink; and
allocating uplink resources based on said estimating,
wherein the estimating is performed immediately following the transmission of a
signal in a downlink.

2. (Currently Amended) The method according to claim 1, further comprising:
associating the traffic with a bulk transmission control protocol uplink data
transfer, and
estimating the traffic in the uplink for a given transfer block to be identical ~~as for~~to
a previous transfer block.

3. (Previously Presented) The method according to claim 1, further comprising:
associating the traffic with a bulk transmission control protocol downlink data
transfer,
wherein the estimating comprises estimating the traffic in the uplink for a given
transfer block to be an acknowledgement of the traffic in the downlink.

4. (Previously Presented) The method according to claim 1, further comprising:
associating the traffic with an interactive transmission control protocol data transfer,

wherein the estimating comprises estimating the traffic in the uplink to be identical to the traffic in the downlink.

5. (Previously Presented) The method according to claim 4, wherein the estimating comprises estimating the traffic in the uplink to include an acknowledgement of the traffic in the downlink.

6. (Previously Presented) The method according to claim 1, wherein the estimating comprises estimating the uplink based upon a downlink traffic.

7. (Currently Amended) The method according to claim 6, wherein the estimating comprises estimating an uplink traffic to be identical as-to the downlink traffic.

8. (Previously Presented) The method according to claim 6, wherein the estimating comprises estimating an uplink traffic to be an acknowledgement of the downlink traffic.

9. (Currently Amended) The method according to claim 6, wherein the estimating comprises estimating an uplink traffic to be identical ~~as to~~ to the downlink traffic together with an acknowledgement of the downlink traffic.

10. (Currently Amended) A communication system, comprising:
estimating means for estimating traffic in an uplink; and
uplink allocation resource means for allocating uplink resources based on said estimating means,
wherein the estimating means is configured to estimate traffic in the uplink immediately following the transmission of a signal in a downlink.

11. (Currently Amended) The communication system according to claim 10, wherein the traffic is associated with a bulk transmission control protocol uplink data transfer, and the estimating means ~~uplink~~ is further configured to estimate the traffic in the uplink for a given transfer block to be identical ~~as to~~ to a previous transfer block.

12. (Currently Amended) The communication system according to claim 10, wherein the traffic is associated with a bulk transmission control protocol downlink data transfer, and the estimating means ~~uplink being~~ is further configured to estimate the traffic in the uplink for a given transfer block to be an acknowledgement of the traffic in the downlink.

13. (Currently Amended) The communication system according to claim 10, wherein the traffic is associated with an interactive transmission control protocol data transfer, and the estimating means ~~uplink-being~~is further configured to estimate the traffic in the uplink for a given transfer block to be identical ~~as~~to the traffic in the downlink.

14. (Previously Presented) The communication system according to claim 13, wherein the traffic in the uplink is further estimated to include an acknowledgement of the traffic in the downlink.

15. (Previously Presented) The communication according to claim 10, wherein the estimating means is configured to be dependent upon a downlink traffic.

16. (Currently Amended) The communication system according to claim 15, wherein the uplink traffic is estimated to be identical ~~as~~to the downlink traffic.

17. (Previously Presented) The communication system according to claim 15, wherein the uplink traffic is estimated to be an acknowledgement of the downlink traffic.

18. (Currently Amended) The communication system according to claim 15, wherein the uplink traffic is estimated to be identical as to the downlink traffic together with an acknowledgement of the downlink traffic.

19. (Currently Amended) The communication system according to claim 10, further comprising:

a mobile communication system in which the estimating means ~~uplink~~ and an uplink allocation resource are provided in a radio access network.

20. (Currently Amended) The communication system according to claim 10, further comprising:

a mobile communication system in which the estimating means ~~uplink~~ and an uplink allocation resource are provided in a serving general packet radio service support node.

21. (New) A communication system, comprising:

an estimating unit configured to estimate traffic in an uplink; and

an uplink allocation resource unit configured to allocate uplink resources based on said estimating unit,

wherein the estimating unit is configured to estimate traffic in the uplink immediately following the transmission of a signal in a downlink.

22. (New) The communication system according to claim 21, wherein the traffic is associated with a bulk transmission control protocol uplink data transfer, and the estimating unit is further configured to estimate the traffic in the uplink for a given transfer block to be identical to a previous transfer block.

23. (New) The communication system according to claim 21, wherein the traffic is associated with a bulk transmission control protocol downlink data transfer, and wherein the estimating unit is further configured to estimate the traffic in the uplink for a given transfer block to be an acknowledgement of the traffic in the downlink.

24. (New) The communication system according to claim 21, wherein the traffic is associated with an interactive transmission control protocol data transfer, and the estimating unit is further configured to estimate the traffic in the uplink for a given transfer block to be identical to the traffic in the downlink.

25. (New) The communication system according to claim 24, wherein the traffic in the uplink is further estimated to include an acknowledgement of the traffic in the downlink.

26. (New) The communication according to claim 21, wherein the estimating unit is configured to be dependent upon a downlink traffic.

27. (New) The communication system according to claim 26, wherein the uplink traffic is estimated to be identical to the downlink traffic.

28. (New) The communication system according to claim 26, wherein the uplink traffic is estimated to be an acknowledgement of the downlink traffic.

29. (New) The communication system according to claim 26, wherein the uplink traffic is estimated to be identical to the downlink traffic together with an acknowledgement of the downlink traffic.

30. (New) The communication system according to claim 21, further comprising:
a mobile communication system in which the estimating unit and an uplink allocation resource are provided in a radio access network.

31. (New) The communication system according to claim 21, further comprising:
a mobile communication system in which the estimating unit and an uplink allocation resource are provided in a serving general packet radio service support node.